

## CLAIMS:

1. Multi-picture in picture system comprising at least two cameras linked as a chain together with a CVBS-line, whereby a first camera in the chain acts as a system master and the other camera(s) are locked to a previous camera in the chain.
- 5 2. Multi-picture in picture system according to claim 1, characterized in that the multi-picture in picture system comprises locking means to horizontal synchronization, vertical synchronization and color carrier phase-locking a camera to a previous camera.
- 10 3. Multi-picture in picture system according to claim 1, characterized in that the multi-picture in picture system comprises a monitor coupled to the chain.
4. Multi-picture in picture system according to claim 1, characterized in that at least one camera comprises means to insert on the CVBS-line a part of its observed picture.
- 15 5. Multi-picture in picture system according to claim 1, characterized in that at least one camera comprises means to insert on the CVBS-line a down-scaled version of its observed picture.
- 20 6. Method to obtain a multi picture in picture having the steps of recording at least two pictures, coupling the information of the pictures on a chain, and displaying the multi picture in picture.